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25X1

20 October 1960

MEMORANDUM FOR: THE RECORD

SUBJECT : Trip Report

Time & Place of Meeting: 11 October 1960, , New York, N.Y. 25X1

Those in Attendance: 25X1

Wire Analyzer Production

1. Assembly of component parts on sub-assembly boards is nearing completion. Life and ageing tests are in progress on a few completed sub-assemblies. All sheet metal work is completed with the exception of the exterior dust cover. All components have been selected, aged and tested.

2. It is anticipated that final assembly will commence within the next two weeks. An initial delivery of 20-30 units is expected by late November 1960.

3. Discussions were held concerning the data to be obtained on all production units and the method of testing each unit. A sample of a production data sheet is forthcoming within the next 10 days. The contractor is in the process of building a test jig for testing all units. This is to be completed by 1 November 1960.

4. At the request of , the undersigned 25X1
requested to prepare a cost estimate for an additional 25X1
10-25 units. An order for this is anticipated after 25X1
January 1961.

RF Adapter for Analyzer

1. The breadboard of this adapter is nearing completion. It will have the following characteristics:

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Ranges: 0.5 to 1.5 mc
1.5 to 5 mc
5 mc to 20 mc
20 to 50 mc

Sensitivity: One millivolt of carrier present at detector input to allow full scale deflection of AC voltmeter internal to analyzer

Output: (a) AC voltage proportioned to RF for meter monitor.
(b) 500 cps tone for audio monitoring in presence of RF

2. The initial unit will be packaged in rectangular form for evaluation purposes. It will have a self-contained battery to power the amplifing stages and chapper circuitry. Anticipated size (including 10 hours battery) is $1\frac{1}{2}$ x 4 x $2\frac{1}{2}$.

3. It is felt by the undersigned that the separate package approach at this time will enable early evaluation of the technique and adaptability of the RF adapter to the analyzer prior to integration into the analyzer.

4. The breadboard will be available for evaluation by 15 Nov. 1960.

5. Preliminary tests were conducted by the undersigned indicating satisfactory operation of the adapter over the 0.5 mc to 50 mc range.

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[redacted]

Distribution:
Orig. - P-227
1 - Chrono

[redacted] (20 Oct. 1960)

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